

P 103  
file

## MEMORANDUM

TO:

FROM:

SUBJECT: Project 3-321-E

A representative of ERDL is planning to visit me the latter part of next week to discuss Project 7-345-E. Shortly after this visit it is planned to have [ ] visit Fort Belvoir to obtain necessary information and indoctrination relative to this project. This trip will probably be made early in August, although it is impossible to fix definite dates for the visit until after our meeting next week.

While [ ] is in the Washington area it would be highly desirable for him to meet with representatives of [ ] to discuss certain aspects of Project 3-321-E, and to obtain, if possible, approval for certain proposed procedures in connection with this project. A possible difficulty arises from the fact that Security Clearance for [ ] was requested through St. Louis Ordnance District early in July, and of course has not yet been received. However, I see no reason why [ ] should not be permitted to call [ ] while he is in Washington, and [ ] can then maintain any degree of security which he thinks is required. In this connection, I might add that [ ] has previously provided me with his unlisted telephone number to be used for the purpose of establishing a contact in Washington.

The economies accruing to both projects involved in utilizing a single trip for the purposes outlined above are obvious. Will you please let me know of your reaction to this proposal, and if you are in agreement will you please take the necessary steps to provide [ ] with advance notice of [ ] visit sometime during the first part of August?

DOCUMENT NO.  
NO CHANGE IN CLASS. II  
DECLASSIFIED  
CLASS. CHANGED TO: TS S (C) 2c II  
AUTH [ ]  
DATE 11/2/91 REVIEWER 037160

27 July 1953

Visual Signaling

Class: Oscillograph, CR

Electrical Data:

Supply Power: 30 watts  
115V. 60 cps.

Sensitivity (Direct):

Y-axis: 170V/.19mm/v d.c.  
(5.2V/mm)

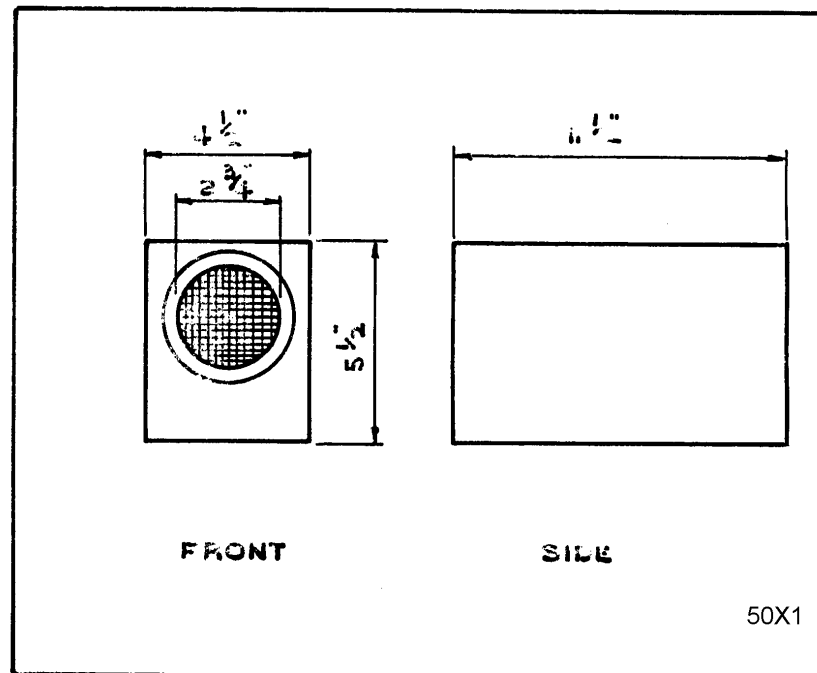
X-axis: Same as Y-axis

Amplifier Response:

25 cps to 150 KC, down 30% full gain  
or 25 cps to 3.5 mc., down 30% full  
gain.

Sensitivity: High gain range  
.086V/mm.

Outline Dimensions



New Weight: 9 1/2 lbs.

Mounting Position: Any

Figure of Merit:

General: Screen material--Willemite, green, short persistence.  
1" dia. electrostatic (25 mas). External sweep required.

DOCUMENT NO. \_\_\_\_\_  
NO. CHANGED IN CLASS. X  
CLASSIFIED \_\_\_\_\_  
CLASS. CHANGED TO: TS S C  
NEXT REVIEW DATE \_\_\_\_\_  
AUTH. \_\_\_\_\_  
DATE 11/2/81 REVIEWER: DYT/69

Manufacturer: Cossor, Inc.

Dist. by Beam Instrument Co.

Type: 1039

Class: Solenoid Valve

Electrical Data:

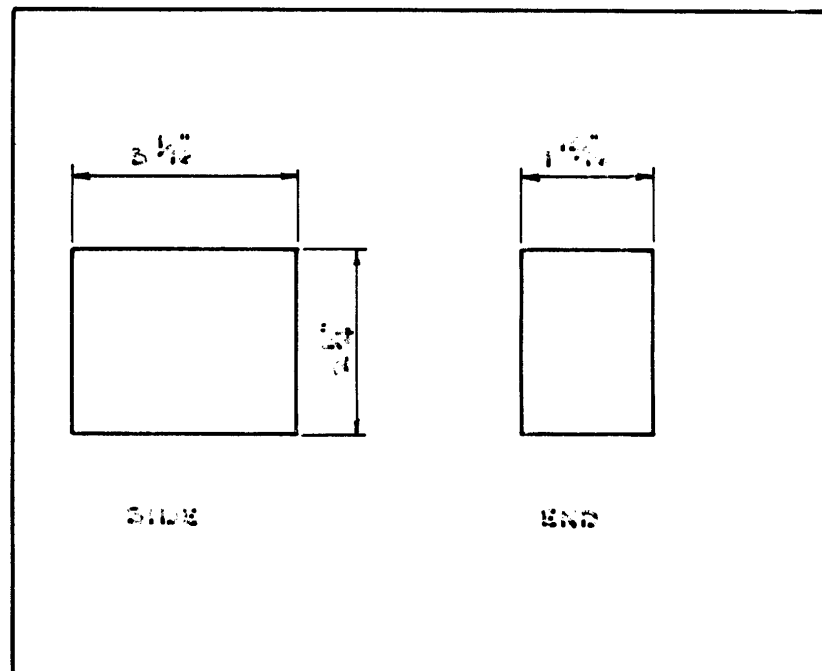
Voltages: 110, 220, 440 60 cps.  
Available to 6V. 60 cps.

Power:

Operating Data:

Max. Op. Pressure: 150, 90, 60 psi.  
Max. Frequency: 400 cpm.  
Orifice Sizes: 1/16", 3/32", 1/8"

Outline Dimensions



Net Weight: 1 lb. 6 oz. to 2 lbs.

Mounting Position: Any

Figure of Merit:

General: All parts have 1/4 NPT.

Manufacturer: Valvair Corp.

Type: Babybig Valvair

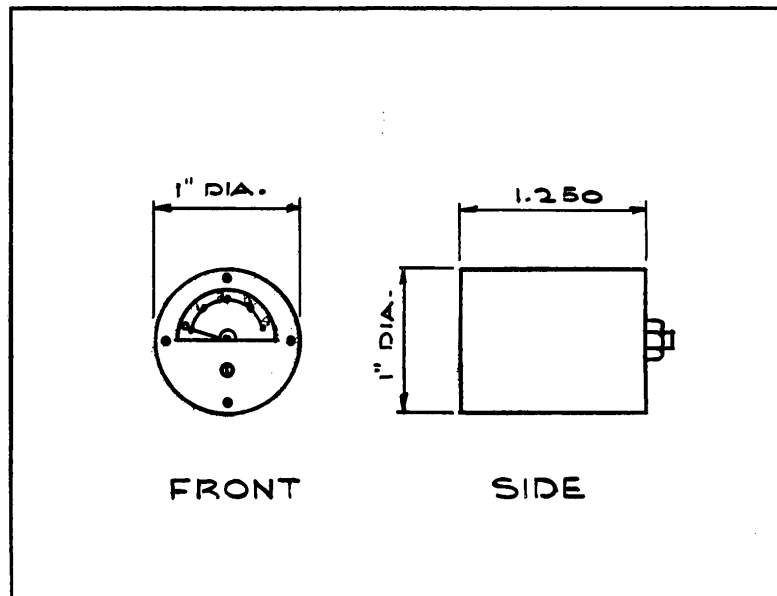
Visual Signaling

Class: Meters, D. C.

Electrical Data:

<u>Scale Range</u>	<u>D.C. Res. Ohms</u>
0-110 microamp	1110
0-200 microamp	700
0-500 microamp	130
0-1 ma	25
0-3 ma	6
0-5 ma	2.6
0-10 ma	1.9
0-15 ma	0.9
0-30 ma	0.6
0-50 ma	0.4
0-100 ma	0.2
0-.5 mv	10

Outline Data



Net Weight: 1 oz.

Mounting Position: Any

Figure of Merit:

General: Watertight, dustproof, scale length 0.770".

Manufacturer: International Inst., Inc.

Type: 100W

Class: Impulse Counter

Electrical Data:

Voltages: 4 to 60 dc.

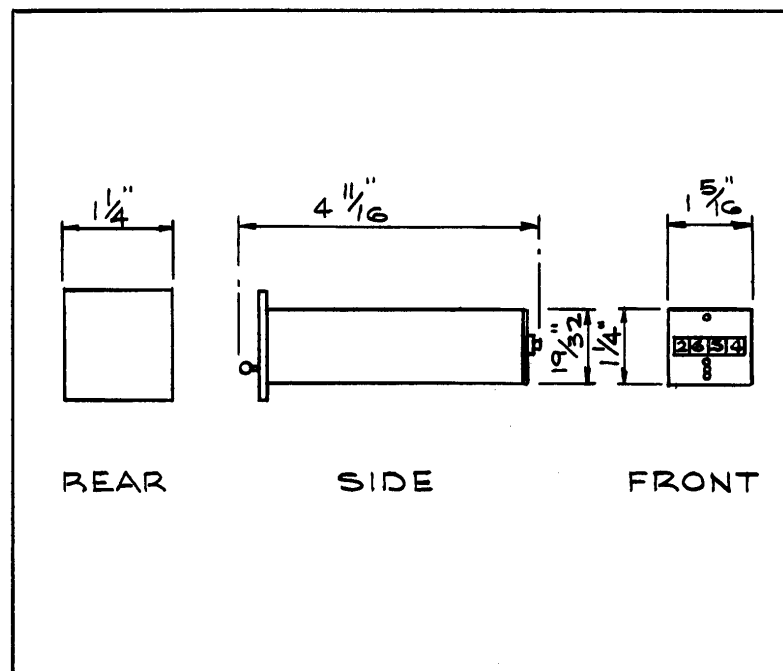
Currents: 40 ma to 330 ma.

Power Input: 1.4 to 5 watts

Operating Data:

10 Imp/sec. max. impulse sequence. resettable.

Outline Dimensions



Net Weight:

Mounting Position: Any

Figure of Merit:

General: Index Figures:  $5/32$ " high.

Manufacturer: Sodeco Geneve, Switzerland  
Dist. by: Landis & Gyr, Inc.

Type: TCeZ4E (Series)

Actuators

Class: Solenoid, Common

Electrical Data:

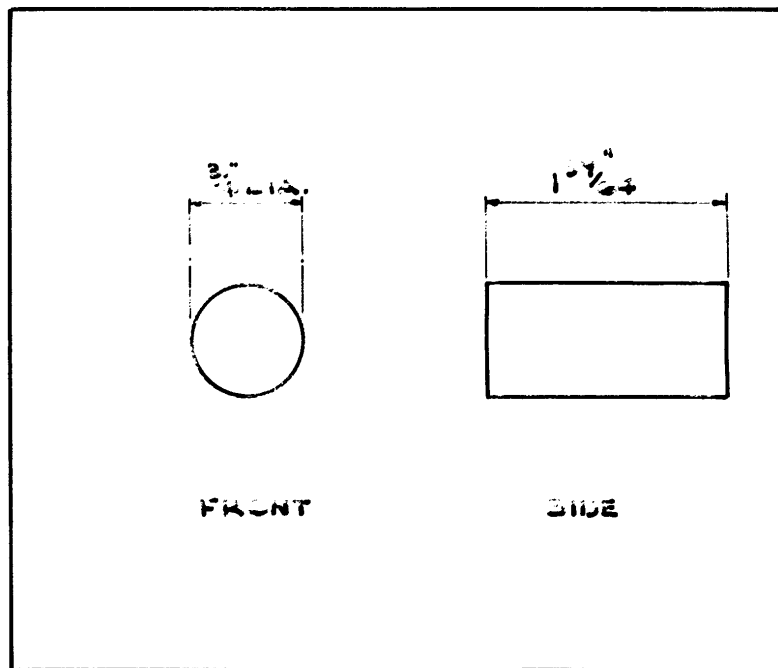
Power: 4 to 40 watts

Operating Data:

0 to 1/4" stroke

0 to 9 lb. pull

Outline Dimensions



Net Weight: 2 oz.

Mounting Position: Any

Figure of Merit:

General:

Manufacturer: Magnovox Co.

Type: 14Y625

Signaling

Class: Aural

Electrical Data:

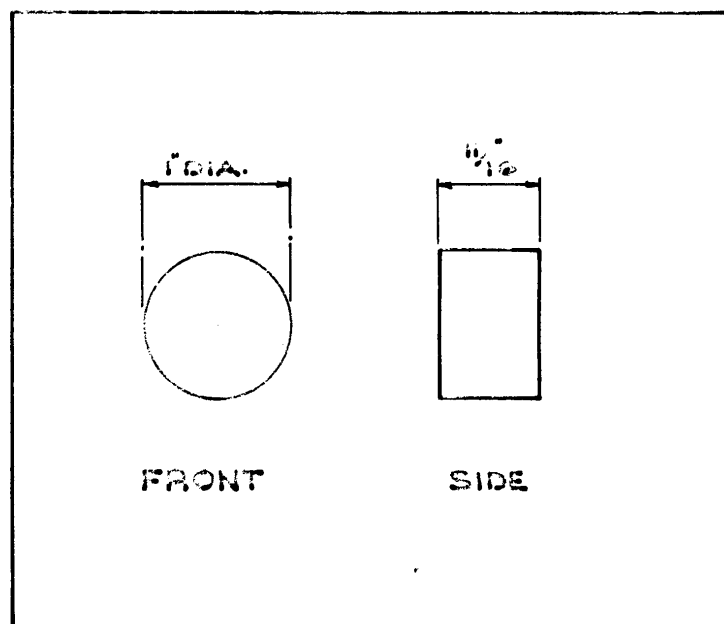
1 MW output

Alnico 5 pm.

Impedance: 11 ohms + 10%  
30 to 6000 cps.

Operating Data:

Outline Dimensions



Net Weight: 1 1/2 oz.

Mounting Position: Any

Figure of Merit:

General:

Manufacturer: Permoflux Corp.

Type: MRB-3